

JUN-11-2002 19:31

DEUTSCHE BANK

212 469 3210 P.02/02

**AMBIENT GROUP**  
**Dioxins/Furans, HRGC/HRMS (8290)**  
**Client Sample ID: 211909-14D-P**

|                  |                 |                   |          |             |       |
|------------------|-----------------|-------------------|----------|-------------|-------|
| Lot-Sample #...: | G2D230154 - 014 | Work Order #...:  | EX98D1AC | Matrix....: | SOLID |
| Date Sampled...: | 04/22/02        | Date Received...: | 04/23/02 | Instrument: | 7D5   |
| Prep Date.....:  | 04/25/02        | Analysis Date...: | 04/29/02 | Units.....: | pg/g  |
| Prep Batch #...: | 2115447         | Dilution Factor:  | 1        | % Moisture: |       |

| PARAMETER               | RESULT | DETECTION<br>LIMIT | TEF<br>FACTOR | TEQ<br>CONCENTRATION |
|-------------------------|--------|--------------------|---------------|----------------------|
| 2,3,7,8-TCDD            | 190    |                    | 1.000         | 190.000000           |
| 1,2,3,7,8-PeCDD         | 700    |                    | 0.500         | 350.000000           |
| 1,2,3,4,7,8-HxCDD       | 890    |                    | 0.100         | 89.000000            |
| 1,2,3,6,7,8-HxCDD       | 1300   |                    | 0.100         | 130.000000           |
| 1,2,3,7,8,9-HxCDD       | 1200   |                    | 0.100         | 120.000000           |
| 1,2,3,4,6,7,8-HpCDD     | 10000  |                    | 0.010         | 100.000000           |
| OCDD                    | 36000  |                    | 0.001         | 36.000000            |
| 2,3,7,8-TCDF            | 910    | CON                | 0.100         | 91.000000            |
| 1,2,3,7,8-PeCDF         | 1300   |                    | 0.050         | 65.000000            |
| 2,3,4,7,8-PeCDF         | 2200   |                    | 0.500         | 1,100.000000         |
| 1,2,3,4,7,8-HxCDF       | 2800   |                    | 0.100         | 280.000000           |
| 1,2,3,6,7,8-HxCDF       | 2400   |                    | 0.100         | 240.000000           |
| 2,3,4,6,7,8-HxCDF       | 2700   |                    | 0.100         | 270.000000           |
| 1,2,3,7,8,9-HxCDF       | 170    |                    | 0.100         | 17.000000            |
| 1,2,3,4,6,7,8-HpCDF     | 13000  |                    | 0.010         | 130.000000           |
| 1,2,3,4,7,8,9-HpCDF     | 1500   |                    | 0.010         | 15.000000            |
| OCDF                    | 7600   |                    | 0.001         | 7.600000             |
| Total TEQ Concentration |        |                    |               | 3,230.600000         |

| INTERNAL STANDARDS      | PERCENT<br>RECOVERY | RECOVERY<br>LIMITS |
|-------------------------|---------------------|--------------------|
| 13C-2,3,7,8-TCDD        | 79                  | 40 - 135           |
| 13C-1,2,3,7,8-PeCDD     | 74                  | 40 - 135           |
| 13C-1,2,3,6,7,8-HxCDD   | 78                  | 40 - 135           |
| 13C-1,2,3,4,6,7,8-HpCDD | 73                  | 40 - 135           |
| 13C-OCDD                | 80                  | 40 - 135           |
| 13C-2,3,7,8-TCDF        | 71                  | 40 - 135           |
| 13C-1,2,3,7,8-PeCDF     | 70                  | 40 - 135           |
| 13C-1,2,3,4,7,8-HxCDF   | 80                  | 40 - 135           |
| 13C-1,2,3,4,6,7,8-HpCDF | 71                  | 40 - 135           |

Notes:

TEF values are cited in U.S. Environmental Protection Agency, (1989) Interim procedures for estimating risks associated with exposures to mixtures of chlorinated dibenzo-p-dioxins and -dibenzofurans (CDDs and CDFs) and 1989 update. U.S. Environmental Protection Agency, Risk Assessment Forum, Washington, DC; EPA/625/3-89/016.

CON                      Confirmation analysis.

Sec 8 and TEQ RPT Rev. 0

11/10/2001

TOTAL P.02

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